

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050322\
 Data File : PL074504.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2022 20:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/04/2022
 Supervised By : mohammad ahmed 05/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 04:56:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.633	5.489	16324846	89089027	50.524	49.967
28)	SA Decachlor...	10.400	11.331	24171324	87076506	46.481m	49.299
Target Compounds							
2)	A alpha-BHC	5.340	6.052	21606331	127.8E6	51.485	50.753
3)	MA gamma-BHC...	5.763	6.441	21582528	117.8E6	51.461	49.775
4)	MA Heptachlor	6.174	7.100	23068480	128.5E6	51.211	49.250
5)	MB Aldrin	6.499	7.468	21490644	118.2E6	51.779	50.312
6)	B beta-BHC	6.144	6.678	10300833	54112743	50.413	48.014
7)	B delta-BHC	6.405	6.946	21704371	120.9E6	52.468	49.510
8)	B Heptachlo...	7.075	7.924	22012390	109.5E6	51.318	48.636
9)	A Endosulfan I	7.478	8.325	21334470	98166271	52.020	49.865
10)	B gamma-Chl...	7.353	8.192	22642508	108.5E6	51.626	48.632
11)	B alpha-Chl...	7.422	8.275	22818611	105.9E6	51.652	49.189
12)	B 4,4'-DDE	7.634	8.460	19089898	100.4E6	52.327m	50.408
13)	MA Dieldrin	7.763	8.610	21557270	99798886	50.183m	49.768
14)	MA Endrin	8.054	8.844	20113665	83743617	49.513m	49.445
15)	B Endosulfa...	8.366	9.068	19962748	78978063	48.434	45.462
16)	A 4,4'-DDD	8.221	8.988	16751436	79126589	51.874	51.428
17)	MA 4,4'-DDT	8.482	9.306	17814923	82090205	48.195	46.309
18)	B Endrin al...	8.555	9.201	16304526	64268464	50.392	49.758
19)	B Endosulfa...	8.785	9.439	20741434	79751777	48.572	47.918
20)	A Methoxychlor	9.076	9.786	11113294	42011479	44.763	43.678
21)	B Endrin ke...	9.303	9.927	24935201	85985211	51.039m	49.675
22)	Mirex	9.491	10.404	22396688	66253288	48.020	48.100

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050322\
Data File : PL074504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 May 2022 20:31
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

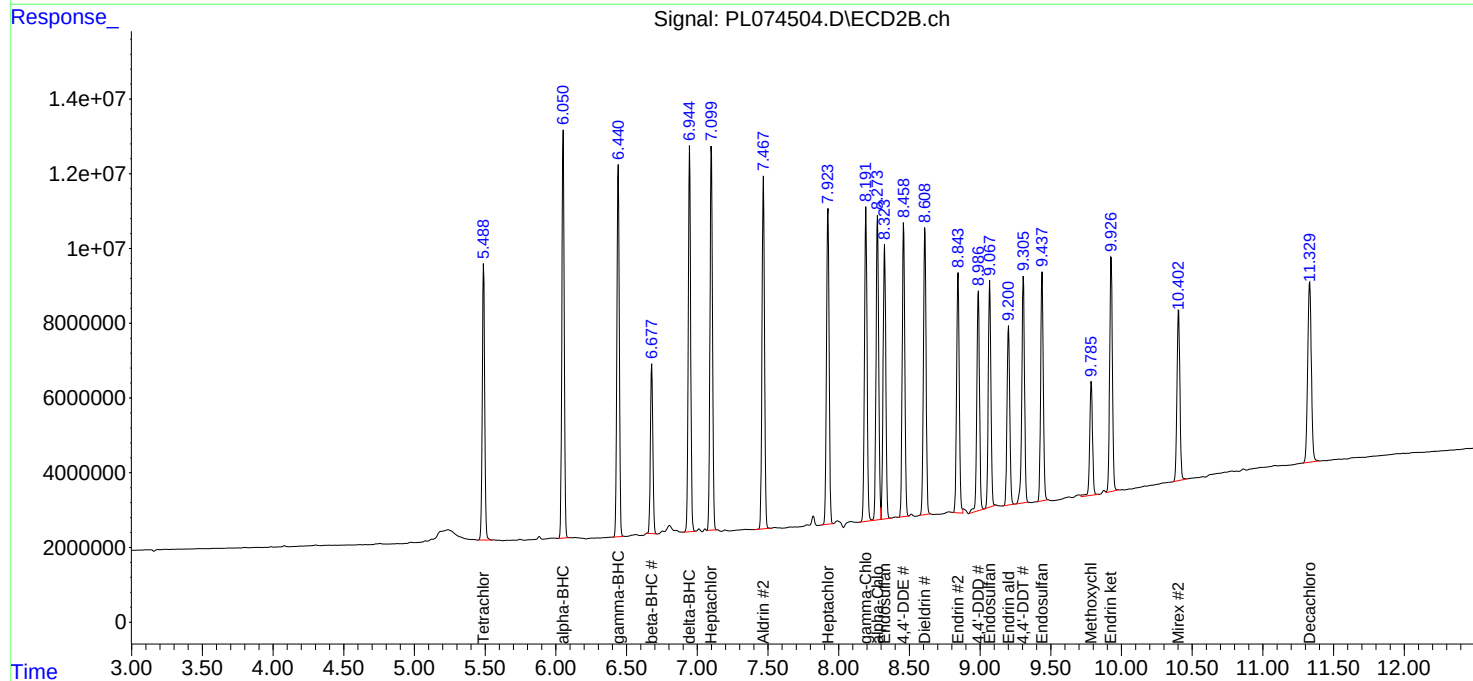
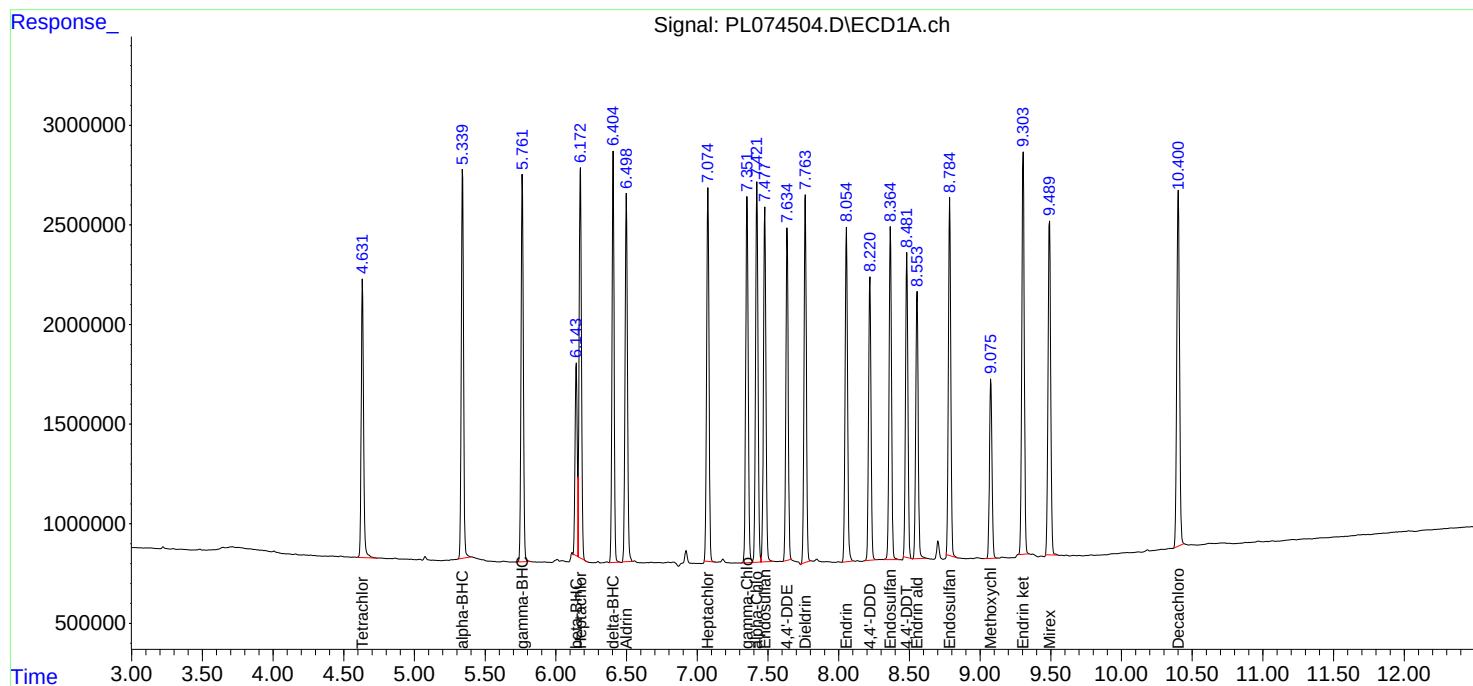
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

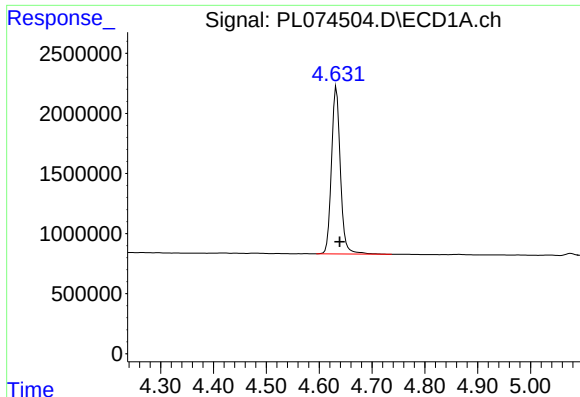
Manual Integrations
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Reviewed By : Abdul Mirza 05/04/2022
Supervised By : mohammad ahmed 05/04/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 04:56:58 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
Quant Title : GC Extractables
QLast Update : Thu Apr 14 09:29:23 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





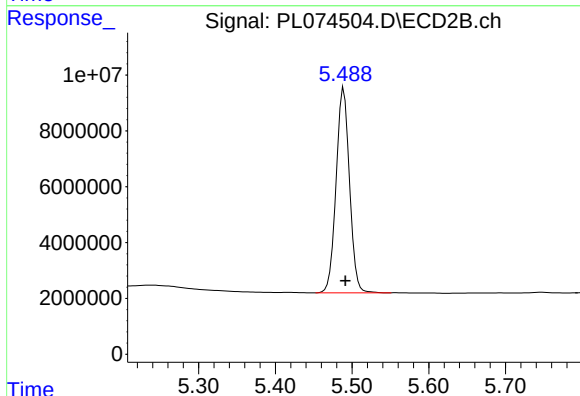
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 16324846
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

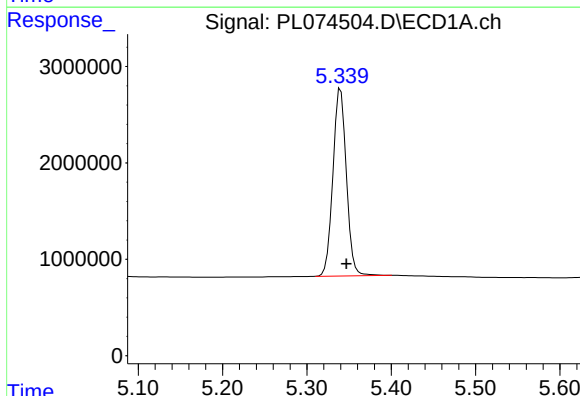
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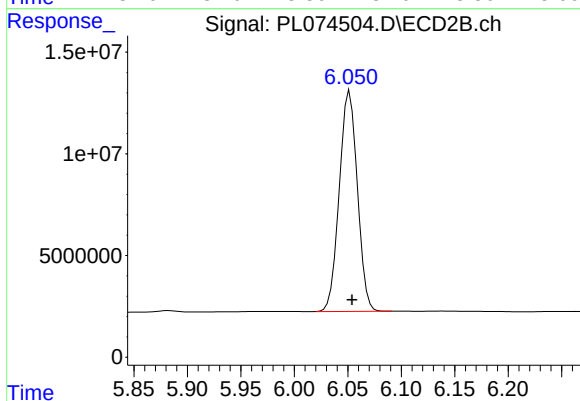
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 89089027
Conc: 49.97 ng/ml



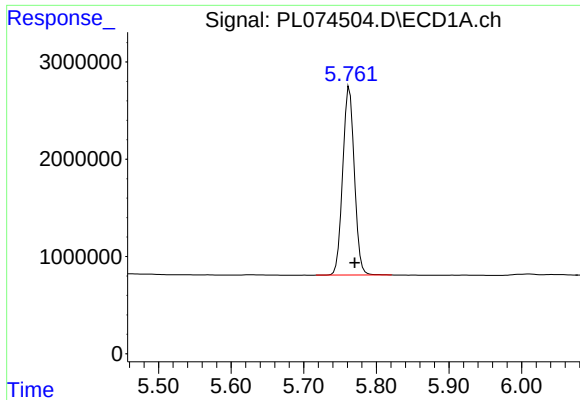
#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: -0.007 min
Response: 21606331
Conc: 51.49 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 127800618
Conc: 50.75 ng/ml



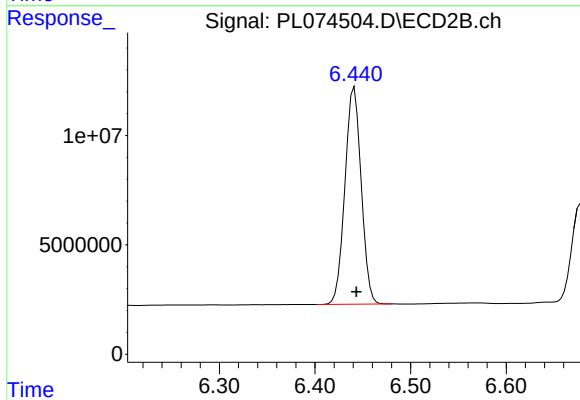
#3 gamma-BHC (Lindane)

R.T.: 5.763 min
Delta R.T.: -0.007 min
Response: 21582528
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

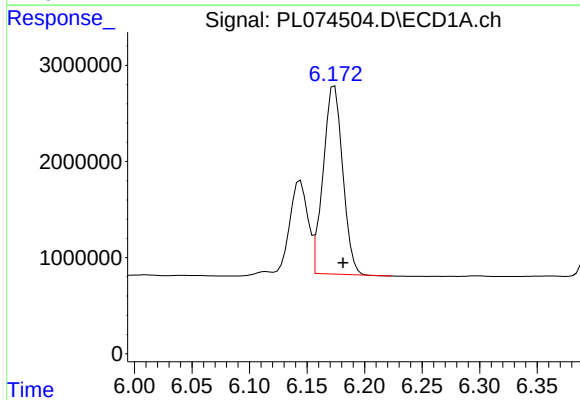
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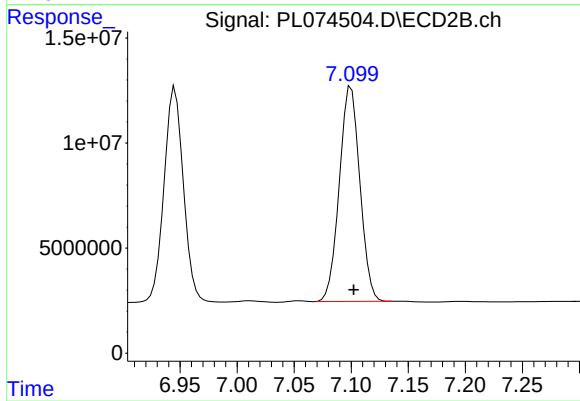
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 117822136
Conc: 49.77 ng/ml



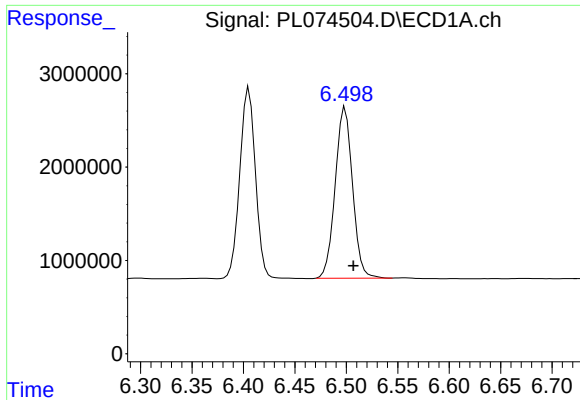
#4 Heptachlor

R.T.: 6.174 min
Delta R.T.: -0.007 min
Response: 23068480
Conc: 51.21 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 128465521
Conc: 49.25 ng/ml



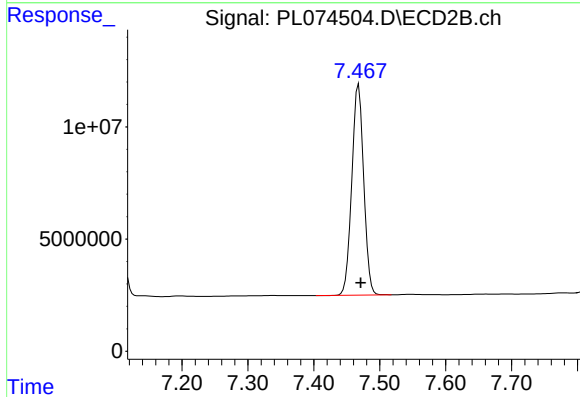
#5 Aldrin

R.T.: 6.499 min
Delta R.T.: -0.008 min
Response: 21490644
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

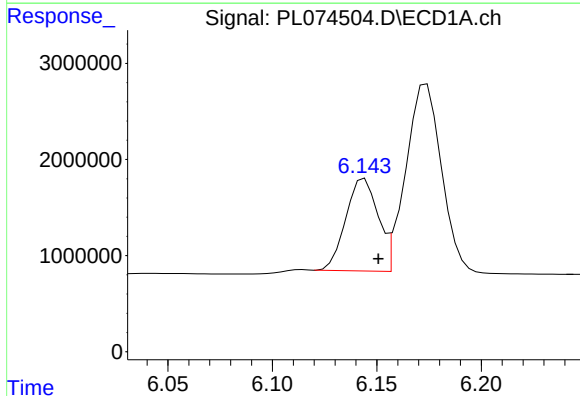
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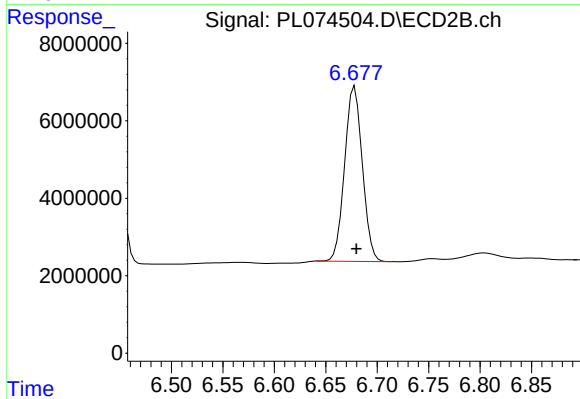
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 118161774
Conc: 50.31 ng/ml



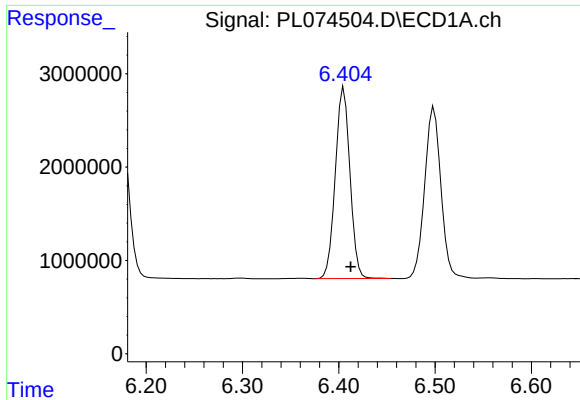
#6 beta-BHC

R.T.: 6.144 min
Delta R.T.: -0.007 min
Response: 10300833
Conc: 50.41 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 54112743
Conc: 48.01 ng/ml



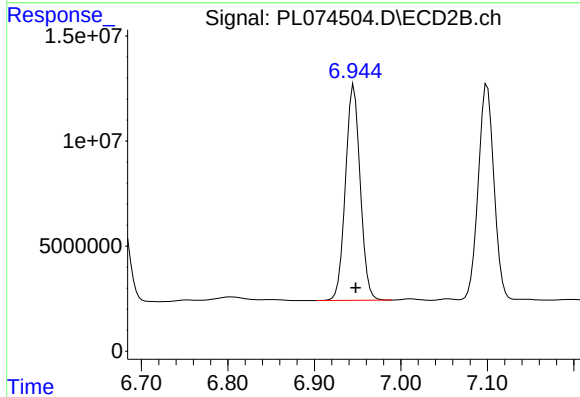
#7 delta-BHC

R.T.: 6.405 min
Delta R.T.: -0.007 min
Response: 21704371
Conc: 52.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

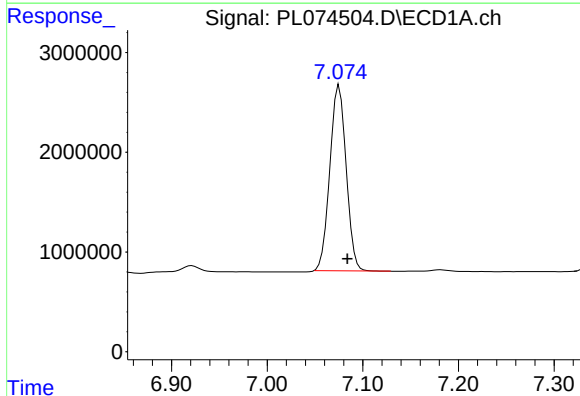
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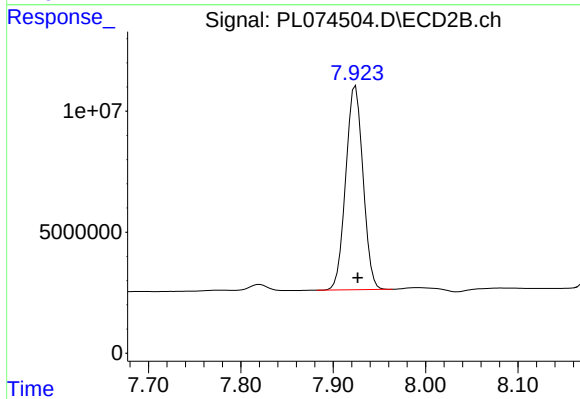
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 120916508
Conc: 49.51 ng/ml



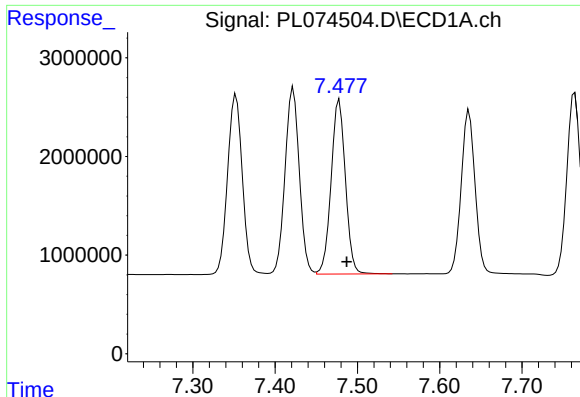
#8 Heptachlor epoxide

R.T.: 7.075 min
Delta R.T.: -0.008 min
Response: 22012390
Conc: 51.32 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 109507354
Conc: 48.64 ng/ml



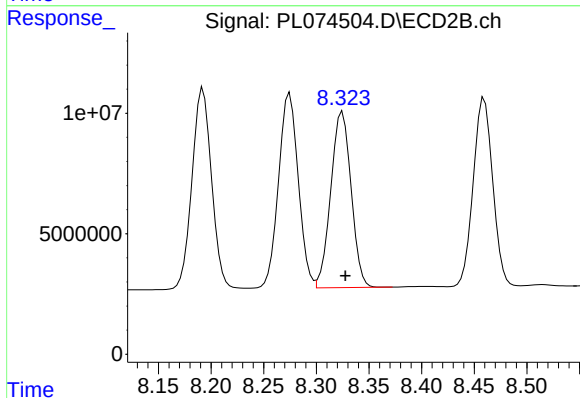
#9 Endosulfan I

R.T.: 7.478 min
Delta R.T.: -0.009 min
Response: 21334470
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

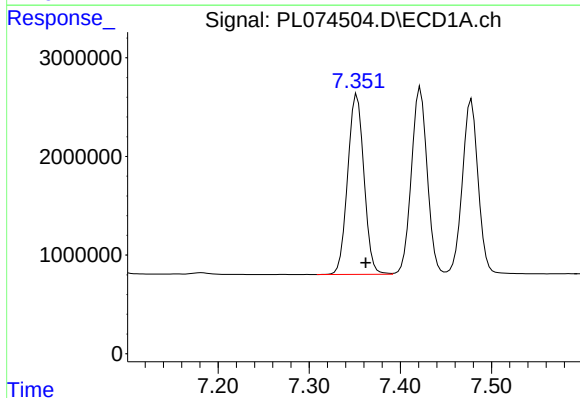
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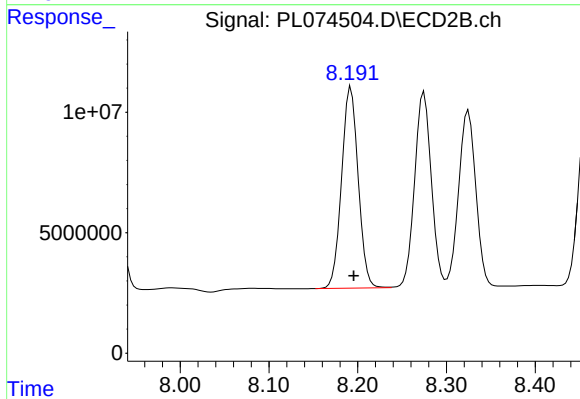
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 98166271
Conc: 49.86 ng/ml



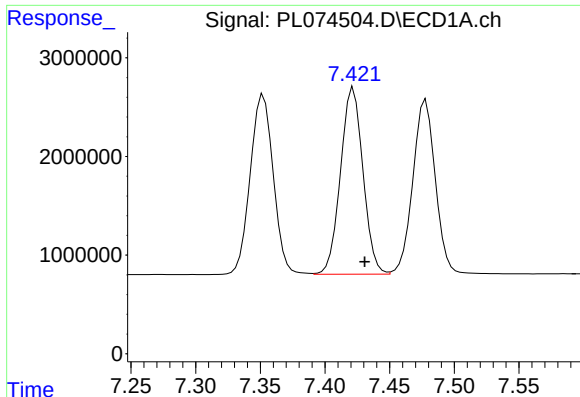
#10 gamma-Chlordane

R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 22642508
Conc: 51.63 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 108466074
Conc: 48.63 ng/ml



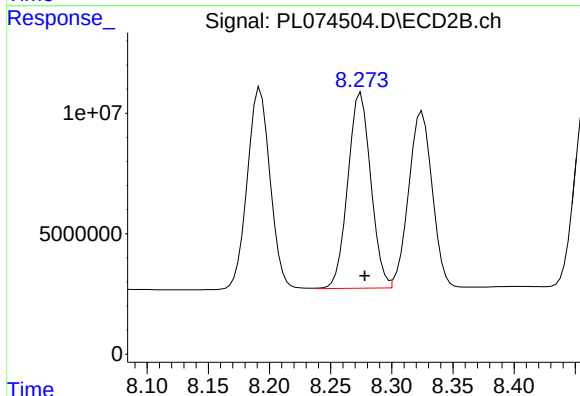
#11 alpha-Chlordane

R.T.: 7.422 min
Delta R.T.: -0.009 min
Response: 22818611
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

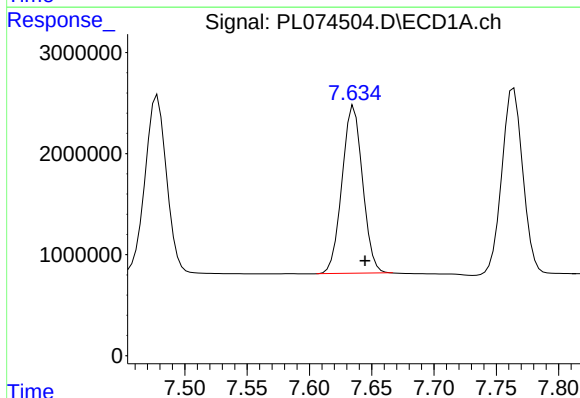
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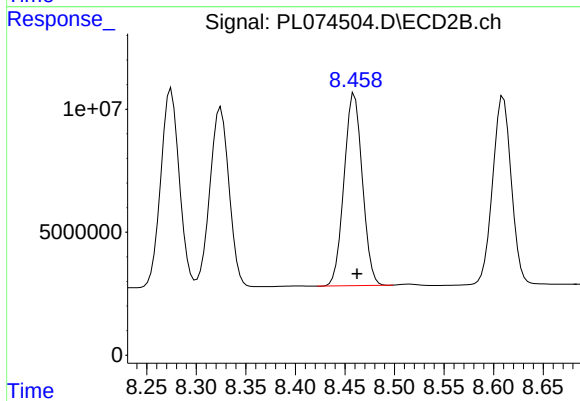
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 105883915
Conc: 49.19 ng/ml



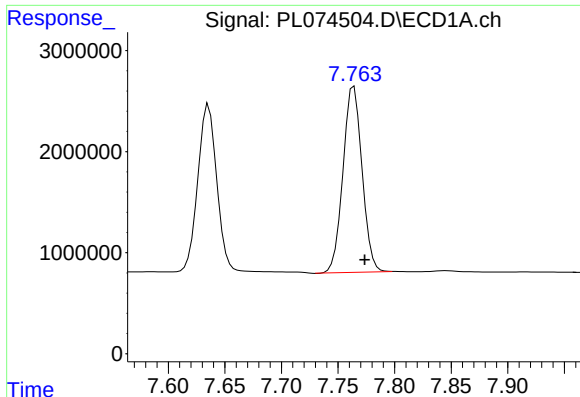
#12 4,4'-DDE

R.T.: 7.634 min
Delta R.T.: -0.010 min
Response: 19089898
Conc: 52.33 ng/ml m



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 100396726
Conc: 50.41 ng/ml



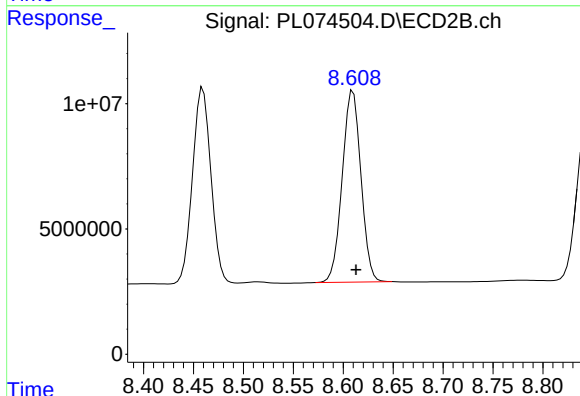
#13 Dieldrin

R.T.: 7.763 min
Delta R.T.: -0.011 min
Response: 21557270
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

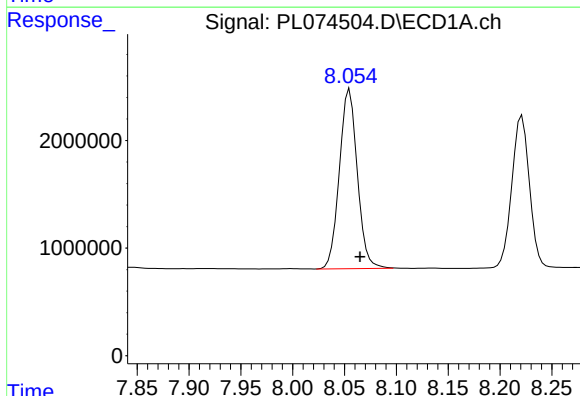
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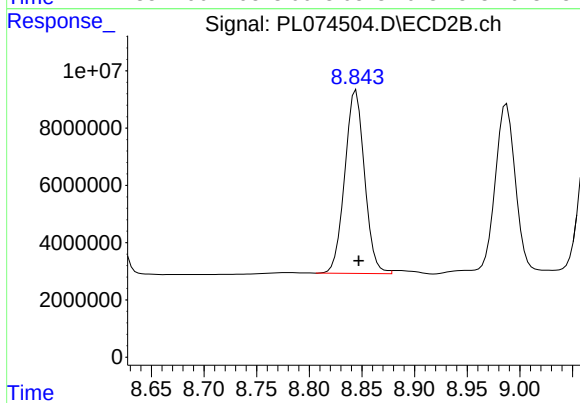
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 99798886
Conc: 49.77 ng/ml



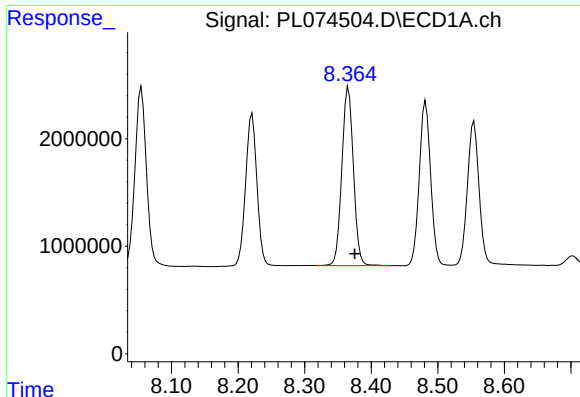
#14 Endrin

R.T.: 8.054 min
Delta R.T.: -0.011 min
Response: 20113665
Conc: 49.51 ng/ml m



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 83743617
Conc: 49.45 ng/ml



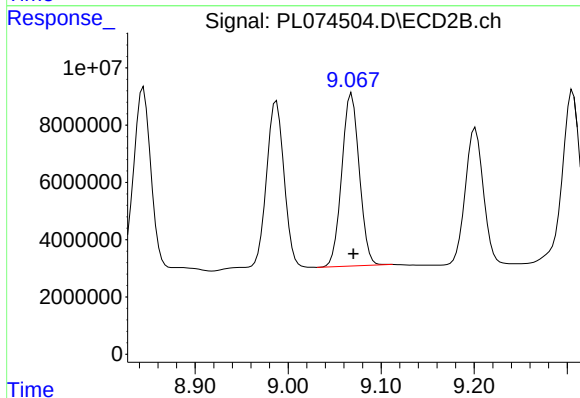
#15 Endosulfan II

R.T.: 8.366 min
Delta R.T.: -0.009 min
Response: 19962748
Conc: 48.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

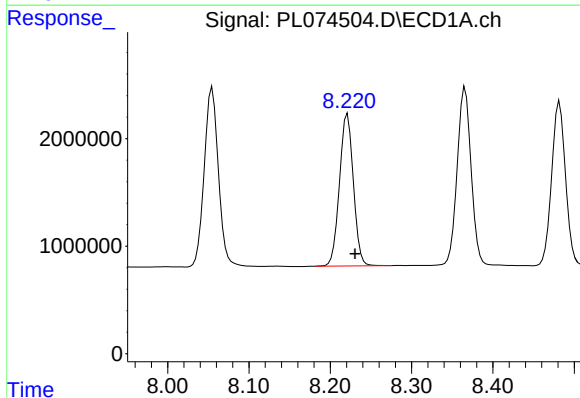
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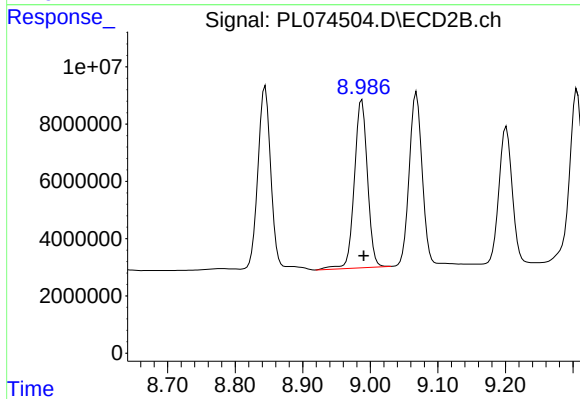
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 78978063
Conc: 45.46 ng/ml



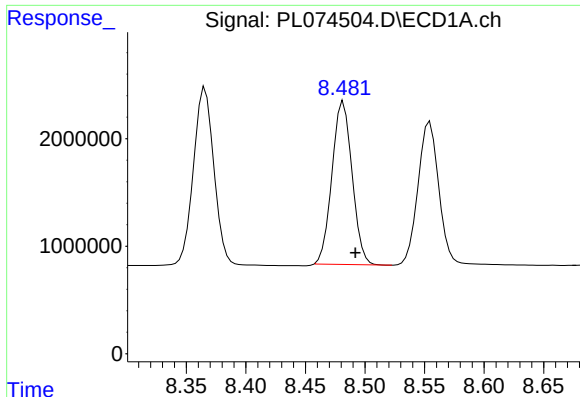
#16 4,4'-DDD

R.T.: 8.221 min
Delta R.T.: -0.009 min
Response: 16751436
Conc: 51.87 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.003 min
Response: 79126589
Conc: 51.43 ng/ml



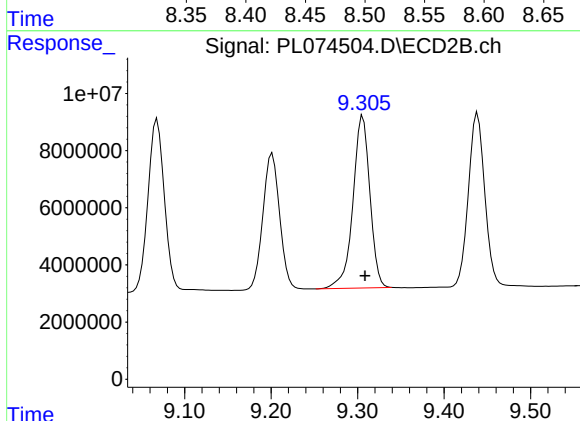
#17 4,4'-DDT

R.T.: 8.482 min
Delta R.T.: -0.010 min
Response: 17814923
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

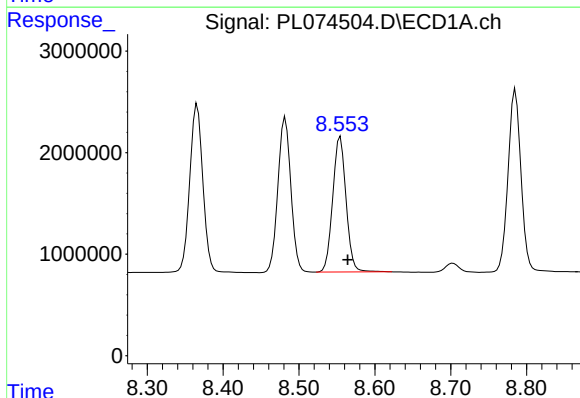
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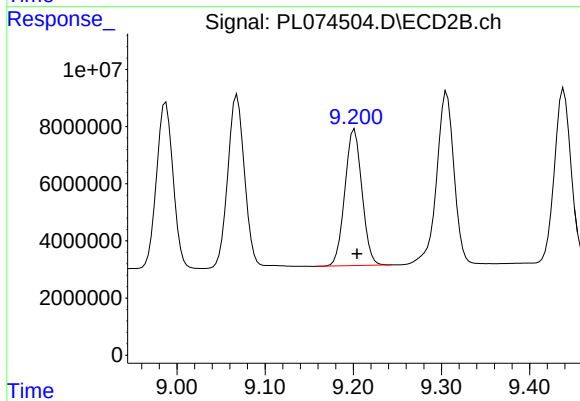
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 82090205
Conc: 46.31 ng/ml



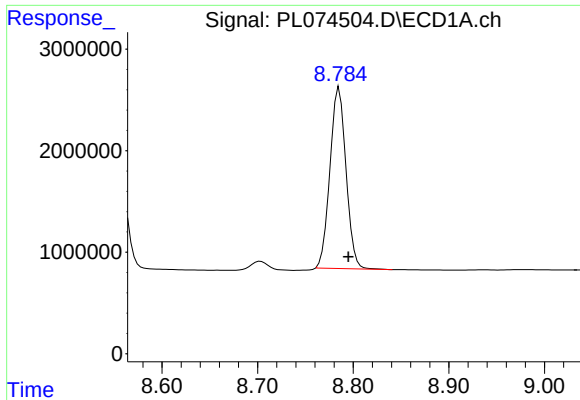
#18 Endrin aldehyde

R.T.: 8.555 min
Delta R.T.: -0.010 min
Response: 16304526
Conc: 50.39 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 64268464
Conc: 49.76 ng/ml



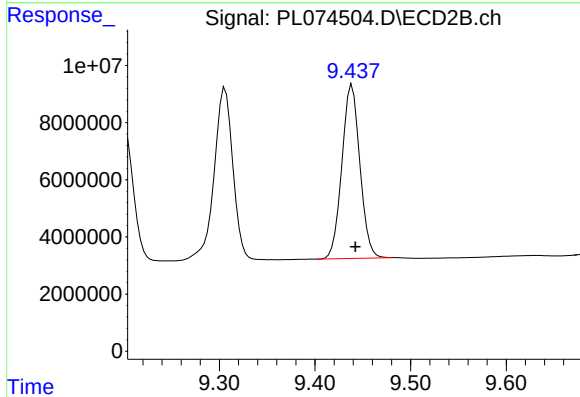
#19 Endosulfan Sulfate

R.T.: 8.785 min
Delta R.T.: -0.010 min
Response: 20741434
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

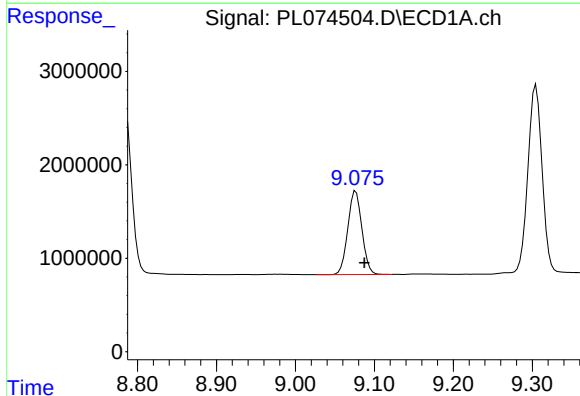
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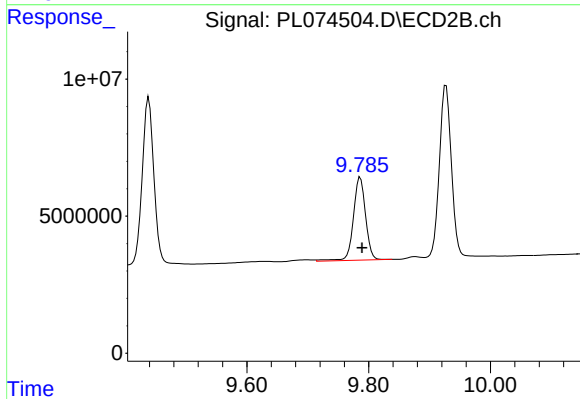
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.004 min
Response: 79751777
Conc: 47.92 ng/ml



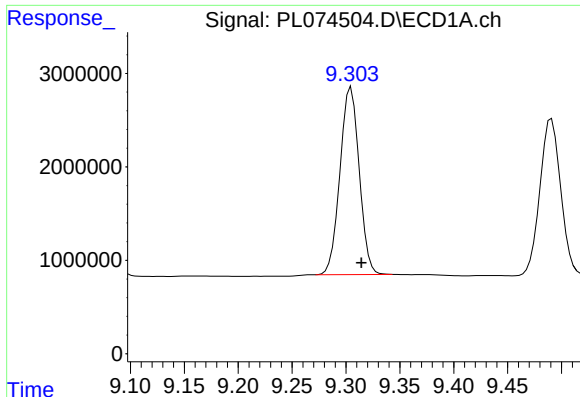
#20 Methoxychlor

R.T.: 9.076 min
Delta R.T.: -0.011 min
Response: 11113294
Conc: 44.76 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 42011479
Conc: 43.68 ng/ml



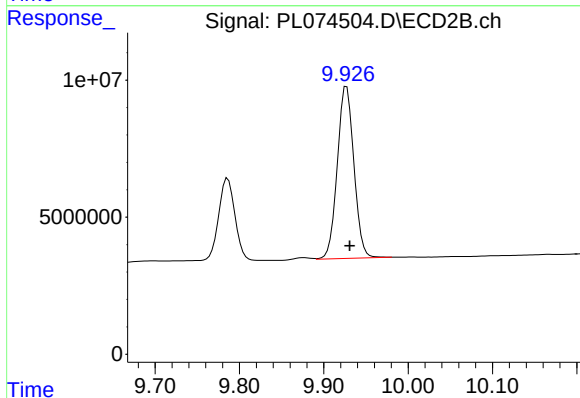
#21 Endrin ketone

R.T.: 9.303 min
Delta R.T.: -0.011 min
Response: 24935201
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

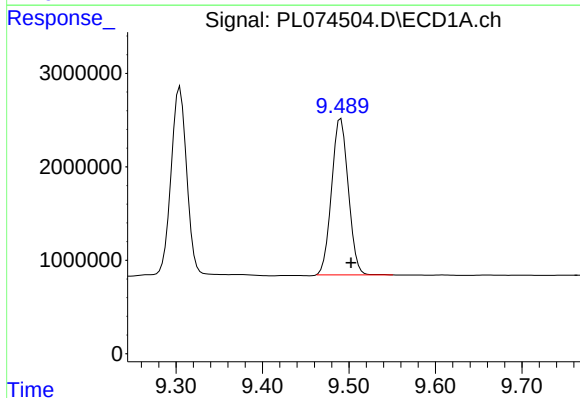
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Reviewed By :Abdul Mirza 05/04/2022
Supervised By :mohammad ahmed 05/04/2022



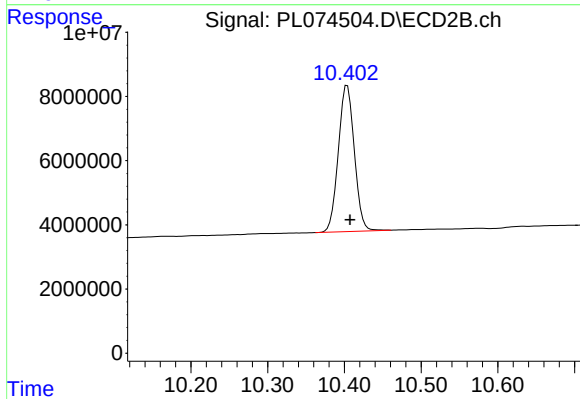
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 85985211
Conc: 49.68 ng/ml



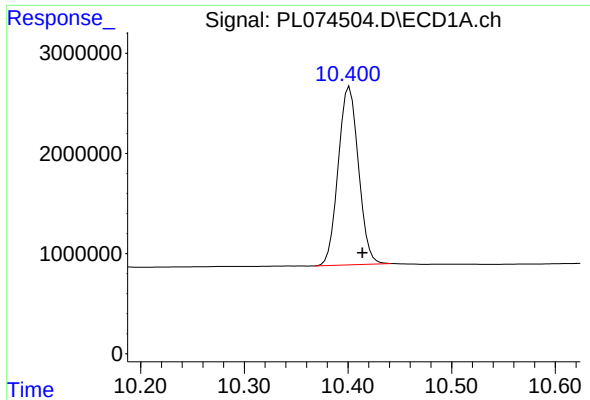
#22 Mirex

R.T.: 9.491 min
Delta R.T.: -0.012 min
Response: 22396688
Conc: 48.02 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 66253288
Conc: 48.10 ng/ml



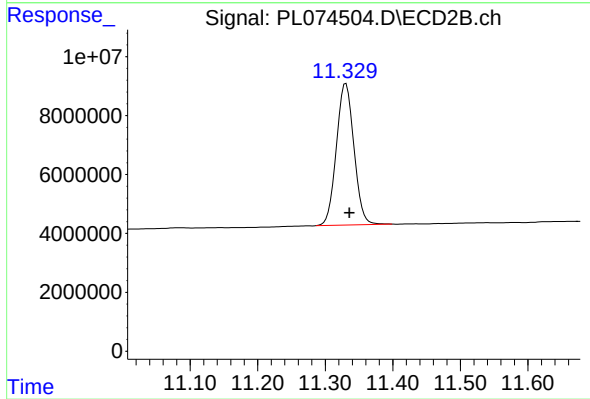
#28 Decachlorobiphenyl

R.T.: 10.400 min
Delta R.T.: -0.014 min
Response: 24171324
Conc: 46.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2022
Supervised By :mohammad ahmed 05/04/2022



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 87076506
Conc: 49.30 ng/ml